



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Issue Patent Application of:)
Yukio YAMAGUCHI et al.) Examiner Robert A. Rose
Serial No. 10/061,342) Group Art Unit: 3723
Filed: February 4, 2002)
For: Through-In Grinding Method and Through-In Grinding Apparatus

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initial a copy of this form be returned to the undersigned.

The Commissioner is hereby authorized to charge any fees connected with this filing which may be required now, or credit any overpayment to Deposit Account No. 19-2380.

Respectfully submitted,

By: _____

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Brief Notes on Information Disclosure

a. Claim 1:

A centerless grinder for tapered products to be processed capable of through feeding for grinding wherein a grinding stone 1 and a grinding stone for adjustment 2 are interposed through a grinding aperture in which a plate 3 is set, "a support board 4 serving as a support for a fulcrum for leverage for products to be processed are supplied out of said grinding aperture" on the side of wayout of said grinding aperture and "a pair of two rollers 5 rotating in an opposed direction to each other" are attached on the out side thereof.

b. Technical characteristic:

As the title shows, the present application relates to a centerless grinder of type of through feeding and it has no element of in-feeding

c. Point to be noted:

A pair of rollers (5) as depicted in Fig 1 are made of elastic bodies (e.g. rubber) and is not a grinder

d. Point to be noted:

Members numbered by reference figure 4 shown in Figs 1, 2 and 5 show "fulcrums for leverage" making an essential constitutional element of the present utility model (disclosed information). However, the present application (Denso Micron) does not require such "fulcrum for leverage", on the contrary, "fulcrum for leverage", if provided, would be obstacle.

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JUL 16 2002
U.S. TRADEMARK OFFICE

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/061,342
		Filing Date	February 4, 2002
		First Named Inventor	Yukio YAMAGUCHI et al.
		Art Unit	3723
		Examiner Name	Robert A. Rose
		Attorney Docket Number	740651-79
Sheet	1	of	1

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ² (if known)				
		JP 45-16870	07/11/1970			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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